





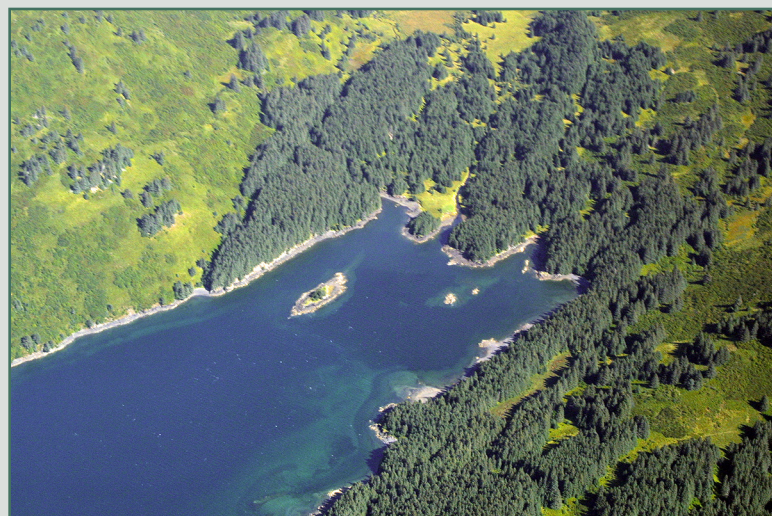


Map & Photo Legend



Muskomee Bay viewed from the south.

-  Free-oil Containment and Recovery, Shallow Water
-  Exclusion Booming
-  Protected-water Boom
-  Tidal-seal Boom
-  Private Cabins
-  Bears in Area, Guards Recommended



Muskomee Bay viewed from the west.

Geographic Response Strategies for

Northern Kodiak Subarea



Muskomee Bay, K-37

Center of map at 58° 06.2' N Lat., 153° 06.2' W Lon.



This is not intended for navigational use.

Soundings in fathoms

| ID | Location and Description | Response Strategy | Implementation | Response Resources | Staging Area | Site Access | Resources Protected (months) | Special Considerations |
|----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| K-37-01  | Muskomee Bay Nearshore waters in the general area of: Lat. 58° 06.1 N Lon. 153°04.9 W | Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Muskomee Bay depending on spill location and trajectory. | Deploy free-oil recovery strike teams upwind and up current of Muskomee Bay. Use aerial surveillance to locate incoming slicks. | Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas. | Port Lions/Kodiak via Kodiak Hwy and Anton Larsen Bay | Via marine waters Chart 16594-1 | Same as K-37-02 | Vessel masters should have local knowledge. Use extreme caution, shoal waters with numerous reefs and rocks. |
| K-37-02  | Muskomee Bay a. Lat. 58° 06.76 N Lon. 153° 02.59 W b. Lat. 58° 06.32 N Lon. 153° 02.99 W Alternative c. Lat. 58° 0 6.87 N Lon. 153°01.98 W | Exclusion Exclude oil from impacting the identified stream and intertidal area in Muskomee Bay. | Deploy anchors and boom with skiffs (class 6). For array (a), place protected-water boom across the head of Muskomee Bay to protect the intertidal area and small stream. For (b) place 220 ft. calm-water boom across the identified stream. If (a) is likely to fail due to sea state or weather conditions deploy (c). Place 300 ft. tidal-seal boom across the stream. Tend throughout the tide. <u>Boom Length:</u> a. 1500 ft. protected-water boom b. 220 ft. calm-water boom c. 300 ft. tidal-seal boom | Deployment Equipment 1500 ft. protected-water boom 220 calm-water boom 300 ft. tidal-seal boom 12 ea. small anchor systems 8 ea. anchor stakes Vessels 1 ea. class 3 1 ea. class 6 Personnel/Shift 5 ea. vessel crew Tending Vessels 1 ea. class 3/4 1 ea. class 6 Personnel/Shift 3 ea. vessel crew | Vessel platform Muskomee Bay Lodge ,owned by the Afognak Native Corp. and private residences may provide support for responders. | Via marine waters Chart 16594-1 | Fish- intertidal spawning- salmon (May-Sept.), herring (April-May) Birds-waterfowl concentration, seabird nesting, eagle nesting Marine mammals- seals, otters, sea lions Human use- high recreation use, commercial fishing, subsistence Habitat- sheltered rocky shoreline | Vessel masters should have local knowledge. FOSC Historic properties specialist should INSPECT site prior to operations. Title 41 permitting required from ADNR. A large bear population in the area; bear guard may be necessary. Site surveyed: 7/22/05 KGRS Tactics Committee. Tested: not yet |